

# **IWFM / IDC Users Group Meeting**

## **December, 2012**

# Update on IWFM and IDC Activities

- Activities related to engine and tools development
  - IWFM v4.0 that includes IDC v4.0 as the root zone component was released to the public in May
  - An improved IWFM Mesh Generator that is embedded in ArcGIS was released to the public in September
  - IWFM GUI that is incorporated into the ArcGIS UI is modified to work with ArcGIS versions 10 and 10.1
  - Paper on IWFM Mesh Generator was published in December 2012 issue of Computers & Geosciences
  - Project with UC Davis to develop an efficient matrix solver is completed. A paper on this project is submitted to Advances in Water Resources for possible publication



# Update on IWFM and IDC Activities

- Activities related to engine and tools development  
(*continued*)
  - A C2VSim ArcGIS GUI was developed by RMC-WRIME that enables fast visualization and post-processing of C2VSim results
  - A paper on CVPM – C2VSim linkage to study the effects of long-term drought on agriculture is submitted to British Journal of Environment and Climate Change
  - IWFM Tools Excel 2007-2010 add-in was released to the public in September. This add-in allows quick transfer of IWFM and IDC water budget results into Excel for further post-processing.
  - Peer review of IWFM v3.02 (along with Modflow and HydroGeoSphere) by CWEMF started in June and still continuing



# Update on IWFM and IDC Activities

- Activities related to IWFM and IDC applications
  - Public release of C2VSim and C2VSim workshops
  - Linkage of C2VSim to CalSim 3.0 was extended into San Joaquin Basin by USBR
  - Lucas Siegfried and Dr. Bill Fleenor from UC Davis applied IDC v4.0 to Fabian Tract in the Delta and gave a workshop on their work in August; this work has been extended to Staten Island since then
  - Yolo County IWFM by UC Davis and West & Yost Assoc.
  - Scenarios by C2VSim to analyze the effects of Lower Yuba River Accord
  - Other applications by other groups (RMC-WRIME, Oregon State University at Corvallis, BCDWRC, Kwater in South Korea )

